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## MEMORANDUM

DATE: Aug. 31, 2018

TO: Senator Trudy Wade, Chair, Environmental Review Commission

FROM: Sheila Holman, Assistant Secretary for Environment, DEQ

SUBJECT: Final Report Under S.L. 2017-57 Section 13.24, Jordan/Falls Lakes In Situ Technology Study

Session Law 2017-57 Section 13.24 (which modifies SL 2016-94 Section 14.13(e)) charged the Department of Environmental Quality with studying alternative technologies for in situ nutrient management in Falls and Jordan lakes. The legislation provided \$1.3 million to conduct a trial of algacide and phosphorus-locking technologies and required the department to submit interim reports to the Environmental Review Commission and others by Sept. 1 “of each year the study and trial required by this section are ongoing” and a final report by Dec. 31, 2020.

In October 2017, the Department of Environmental Quality applied to the U.S. Army Corps of Engineers proposing an algacide and phosphorus-locking technology trial in Jordan Lake. On Nov. 9, 2017 the Corps, which owns the reservoir, declined to authorize the proposal. Their letter cited “measurable permanent adverse impacts to Jordan Lake’s water storage volume as well as potentially adverse unquantified impacts to fish and wildlife resources.” Subsequently, the 2018 budget bill (SL 2018-5 Sections 13.1(m) and (o)) reallocated the \$1.3 million to time-limited positions for sampling and analysis of PFAS compounds and to address Division of Water Resources permitting backlogs. The department offers this as the final report on the initiative.

cc: Joint Legislative Oversight Committee on Agriculture and Natural and Economic Resources  
Fiscal Research Division

